information acquisition device, information delivery server... Inventors: ANDO et al. Atty. Dkt. No. 036910-0113 1/23 10/534638 (POINTS D) **CENTER SYSTEM** BEST AVAILABLE COPY

Title: Information delivery system,

Atty. Dkt. No. 036910-0113

F1G. 2

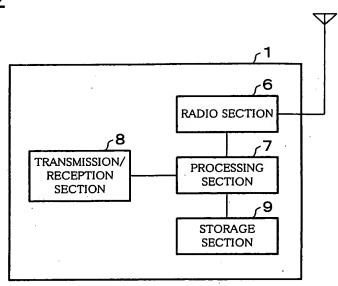
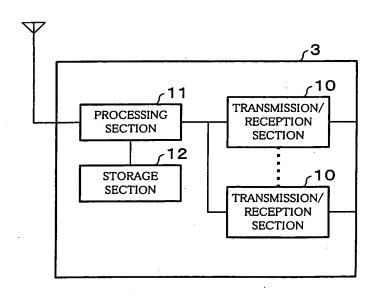


FIG. 3



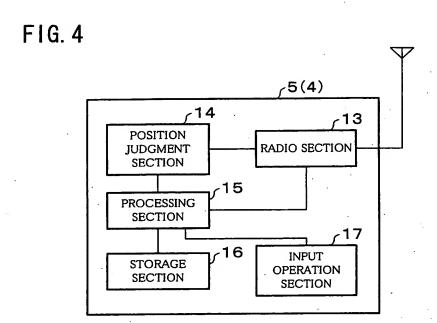


FIG. 5

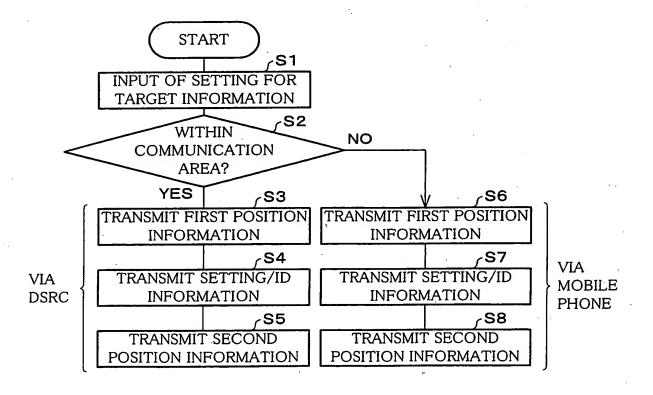
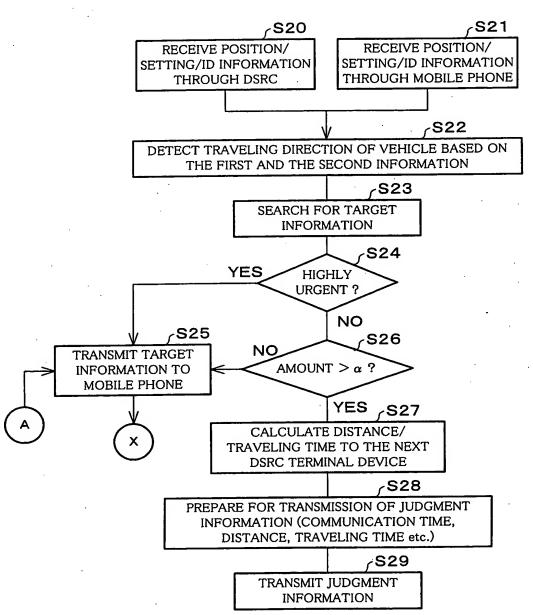
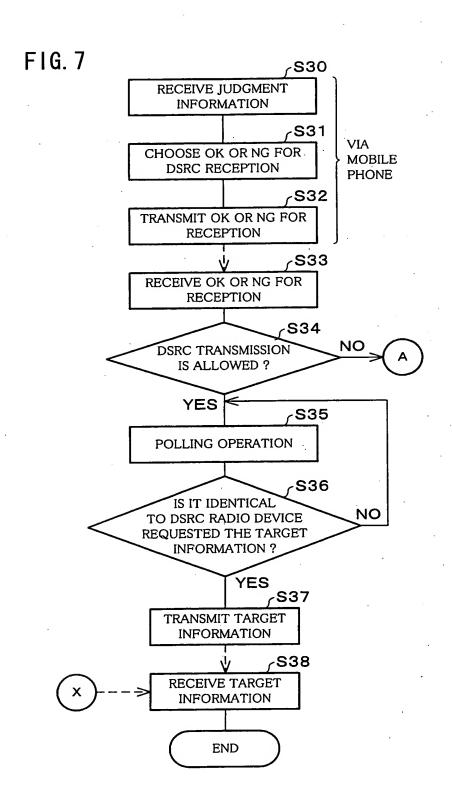


FIG. 6





Title: Information delivery system, information acquisition device, information delivery server...

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FIG. 8 (b) (SELECTION BY USER)

DSRC SELECTION MODE	(A) SELECT DSRC ①/@	(B) SELECT ARBITRARY DSRC

FIG. 8 (d)

ESTIMATED TRAVELING

DISTANCE

@POTENTIAL POINT

EXCLUDING

MOBILE PHONE ONLY

**AMOUNT** 

TIME

TRAVELING

DISTANCE

©POTENTIAL POINT

ESTIMATED COMMUNICATION TIME VIA MOBILE PHONE

TIME

ESTIMATED

DSRC INFORMATION

REQUIRED DSRC

TARGET INFORMATION

Ω

(SELECTION BY USER)

(D) SELECT THE NEXT DSRC  $\mathbb{O}/\mathbb{Q}$ , AND DSRC AFTER THE NEXT  $\mathbb{O}/\mathbb{Q}/\mathbb{Q}$ THE REST IS RECEIVED BY MOBILE (C) SELECT THE NEXT DSRC (D)/(2) DSRC SELECTION MODE PHONE

(E) SELECT ARBITRARY DSRC ESTIMATED TRAVELING TIME DISTANCE

ESTIMATED DISTANCE TRAVELING TIME	ESTIMATED DISTANCE TRAVELING TIME	
DISTANCE	DISTANCE	
@POTENTIAL POINT	@POTENTIAL POINT	
DSRC AFTER THE NEXT		

OPOTENTIAL POINT

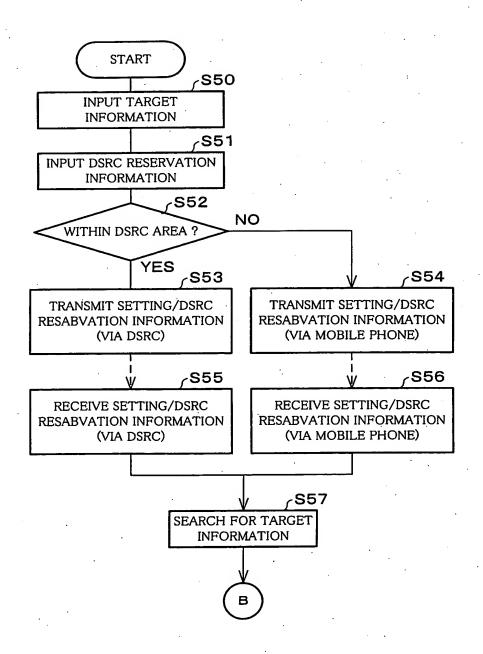
F16.8(c)

(JUDGMENT INFORMATION PROVIDED FROM THE CENTER SYSTEM)

ID TARGET INFORMATION DSRC INFORMATION  BSRC  DSRC INFORMATION  DSRC INFORMATION  DSRC INFORMATION  TIME VIA MOBILE PHONE  AMOUNT  MOBILE PHONE  AMOUNT  AMOUNT  AMOUNT  AMOUNT  DSRC INFORMATION  DISTANCE  REQUIRED  OPPOSED  TIME  TIME  ANA  DOINT  DISTANCE  TIME  TIME	L		<u> </u>	<del></del>		
TARGET INFORMATION  BSRC  DSRC INFORMATION  ESTIMATED COMMUNICATION  TIME VIA MOBILE PHONE  AMOUNT  AMOUNT  MOBILE PHONE  BSC  DISTANCE  POINT  DISTANCE  POINT  DISTANCE  POINT  DISTANCE	_					
TARGET INFORMATION  ESTIMATED COMMUNICATION TIME VIA MOBILE PHONE  AMOUNT  MOBILE PHONE  BYC  DSRC IN  QPOTENTIAL POINT  POINT  DSRC  ONLY  DSRC  ONLY  DSRC  POINT  POINT  POINT		·	ESTIMATED TRAVELING TIME	ESTIMATED TRAVELING TIME		
TARGET INFORMATION  ESTIMATED COMMUNICATION TIME VIA MOBILE PHONE  AMOUNT  MOBILE PHONE  DSRC  2 NEXT DSRC  @POTENT POINT  DSRC  DSRC  POINT		INFORMATIO	DISTANCE	DISTANCE		
TARGET INFORMATION BSRC  ESTIMATED COMMUNICATION TIME VIA MOBILE PHONE AMOUNT MOBILE PHONE DSRC  DSRC  DSRC		DSRC	©POTENTIAL POINT	@POTENTIAL POINT		
TARGET INFORMATION  ESTIMATED COMMUNICATION TIME VIA MOBILE PHONE  AMOUNT  MOBILE PHONE ONLY DSRC			NEXT DSRC-			
AMOUNT A		REQUIRED DSRC	8			
AMOUNT A		TION	AMUNICATION BILE PHONE	EXCLUDING DSRC		
AMOUNT		FARGET INFORMA	ESTIMATED CON TIME VIA MOI	MOBILE PHONE ONLY		
Ω		T	AMOUNT -			
		Ω				

FIG. 8 (a) (judgment information provided from the center system)

FIG. 9



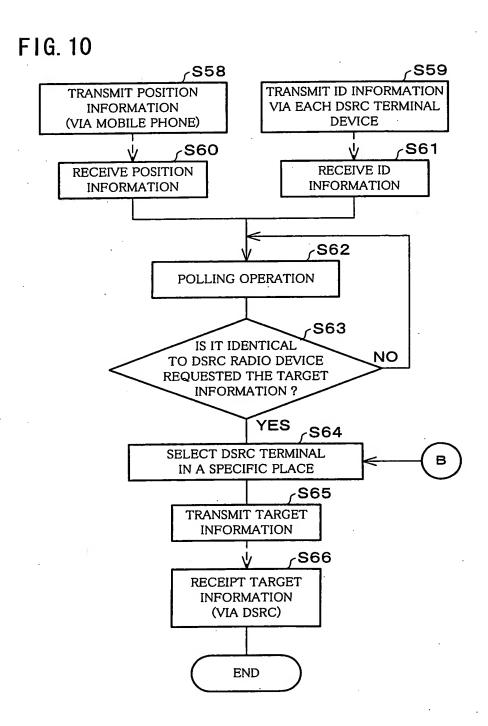


FIG. 11

ITEMS	DSRC SELECTION FACTOR							
URGENCY	LARGE		Е	MEDIUM SI	SMALL			
INFORMATION AMOUNT	$\alpha_1$	$\alpha_2$	$\alpha_3$		••	$\alpha_{n}$		
DISTANCE TO PREDETERMINED DSRC TERMINAL DEVICE	$L_1$	$L_2$	$L_3$			L <sub>n</sub>		
ESTIMATED TRAVELING TIME TO PREDETERMINED DSRC TERMINAL DEVICE	T <sub>1</sub>	$T_2$	Тз		•••	$T_n$		
MOBILE PHONE DSRC								
JUDGMENT REFERENCE								

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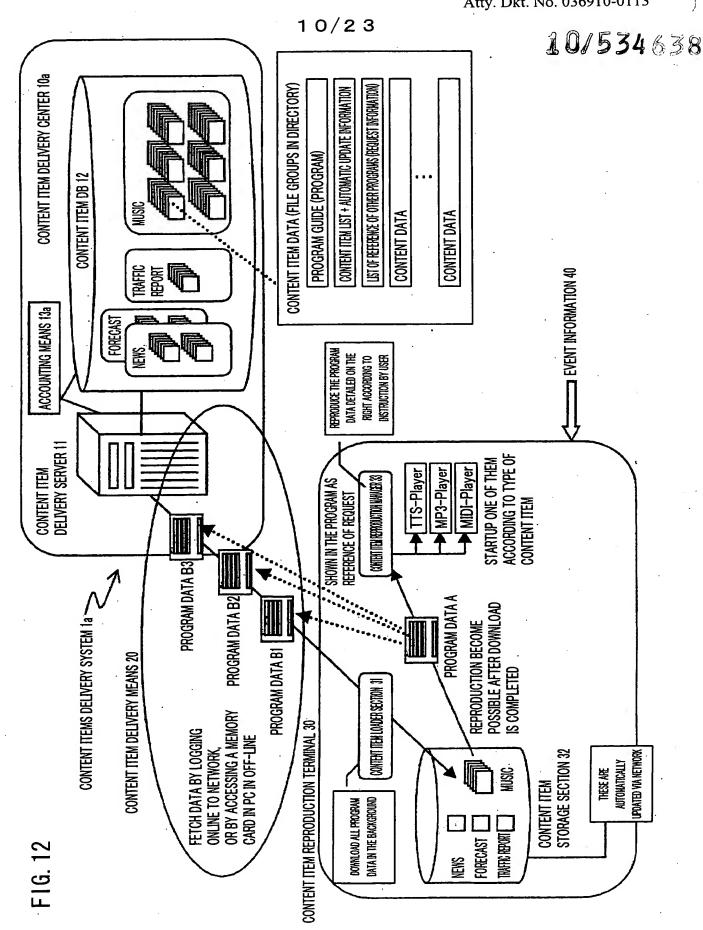
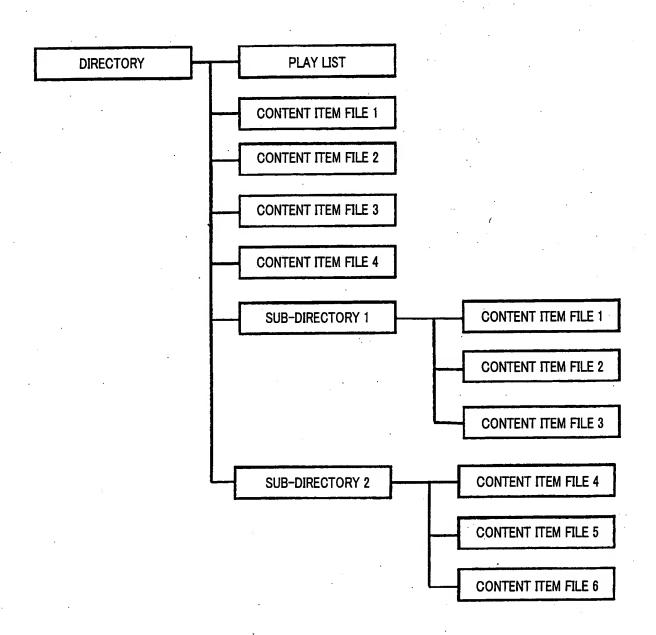
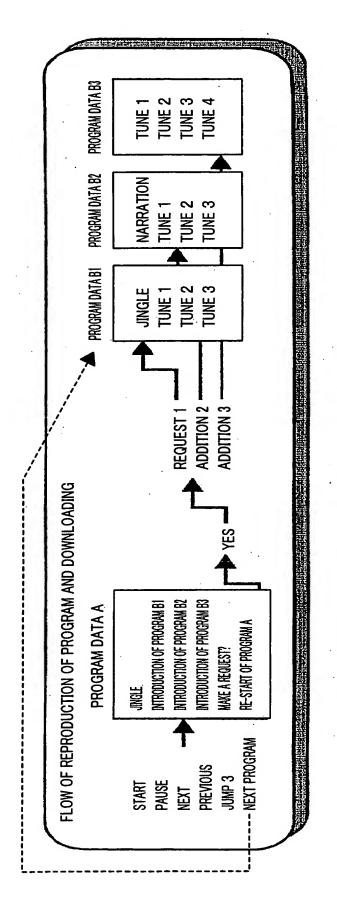


FIG. 13

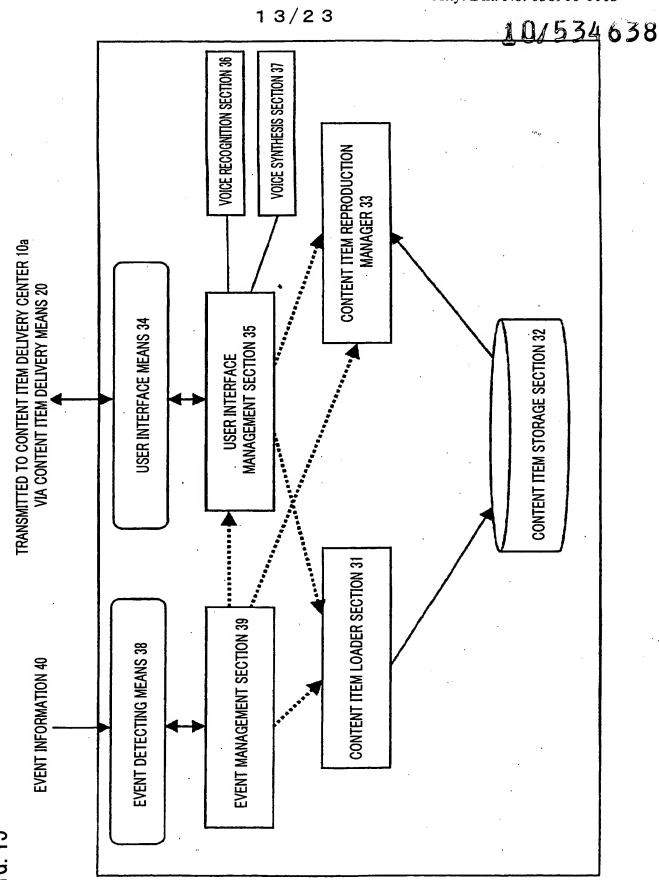


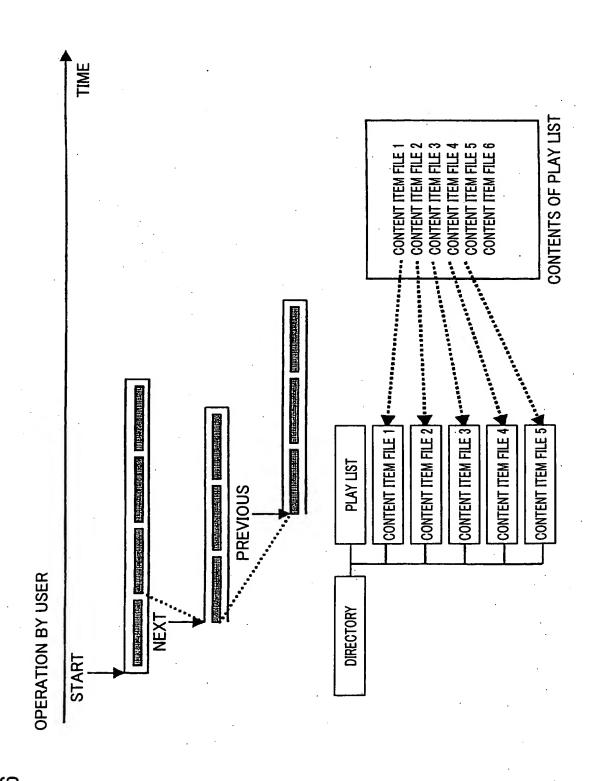
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F1G. 12

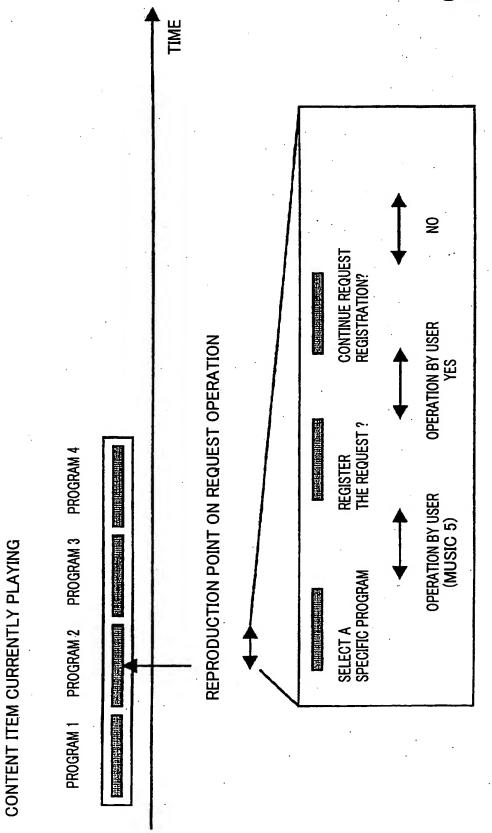
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Inventors: ANDO et al.
Atty. Dkt. No. 036910-0113





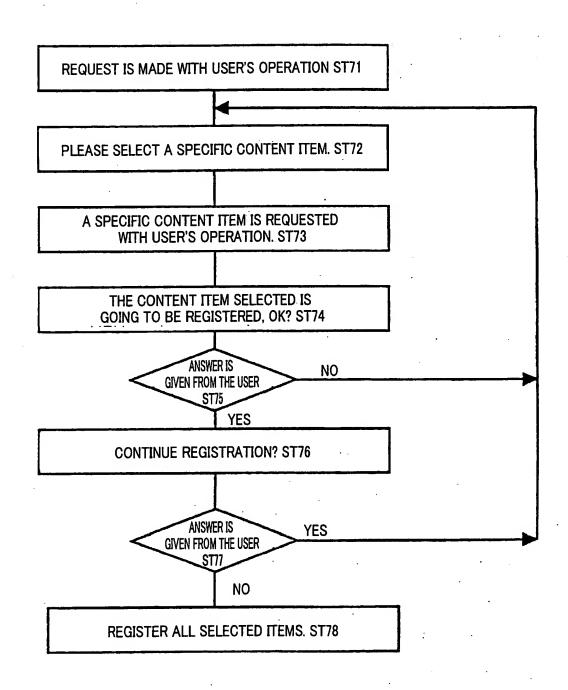
F1G. 16

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F16.

FIG. 18



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LINK INFORMATION OF REQUEST AVAILABLE IN THIS PERIOD

WHEN 1 IS SELECTED WITH USER'S OPERATION, THE CONTENT ITEM 1152 IS SELECTED

3 CONTENT ITEMS 1154

4 CONTENT ITEMS 1

**CONTENT ITEMS 1 CONTENT ITEMS 1**  LINK FILES OF REQUEST

PROGRAM 4

PROGRAM 3

PROGRAM 2

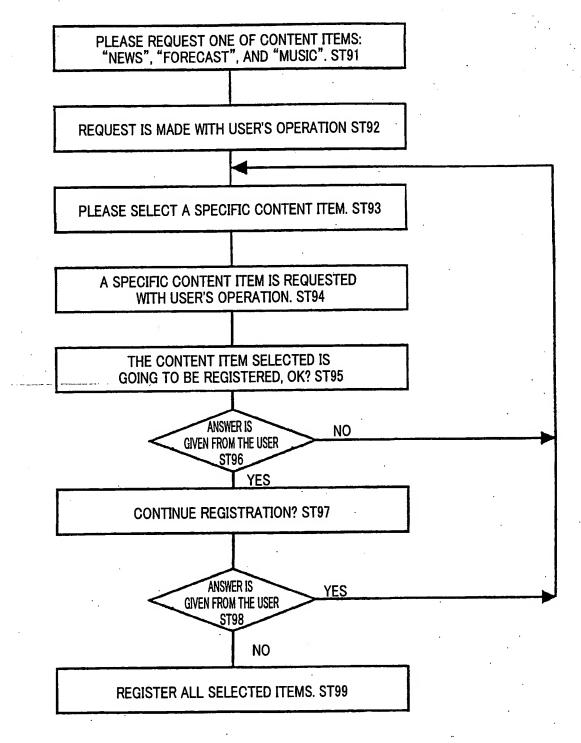
PROGRAM 1

CONTENT ITEM CURRENTLY PLAYING

an cause and a factor

ENERGINE SIGNATURE

FIG. 20



WHEN 1 IS SELECTED WITH USER'S OPERATION, THE CONTENT ITEM 1152 IS SELECTED TIME LINK FILES OF REQUEST 4 CONTENT ITEMS 1155 5 CONTENT ITEMS 1156 CONTENT ITEMS 1152 CONTENT ITEMS 1153 3 CONTENT ITEMS 1154 EXPLAIN HOW TO MAKE A REQUEST MAKE A REQUEST **EXPLAIN HOW TO** CONTENT ITEMS AVAILABLE ARE EXPLAINED LINK INFORMATION OF REQUEST REQUEST. COMMAND **AVAILABLE IN THIS PERIOD** I WANT IT

CONTENT ITEM CURRENTLY PLAYING

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20/23 10/534638 THE ITEM 2 IS SELECTED, CONTINUE REGISTRATION ? ST1109 GO BACK PLAYING THE FIRST CONTENT ITEM. ST1114 GO BACK PLAYING THE FIRST CONTENT ITEM. ST1113 REQUEST IS MADE WITH USER'S OPERATION ST1112 2 REGISTER THE SELECTED ITEM(S) AND REGISTER THE SELECTED ITEM(S) AND PLEASE MAKE A REQUEST. ST1111 ANSWER IS CIVEN FROM THE USER YES STIIIO WAIT FOR USER'S REQUEST FOR 5 MINUTES. ST1104 THE TERMINAL GIVES ANSWER TO THE REQUEST, THE USER SELECTS THE CONTENT ITEM "MUSIC" THE USER SELECTS "SIGHTSEEING IN KYOTO" DURING REPRODUCTION OF "MUSIC". ST1102 AND DISPLAYS THE SELECTION. ST1107 AND THEN DEMAND REQUEST. ST1103 THE USER MAKE A REQUEST. ST1106 AND REPRODUCTION STARTS. ST1101 REPRODUCE "SIGHTSEEING IN KYOTO" GO BACK PLAYING "MUSIC". ST1105 PLAY A JINGLE FOR 3 SECONDS, AND THE USER SELECT ITEMS. ST1108 AFTER THE JINGLE IS FINISHED

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Inventors: ANDO et al.

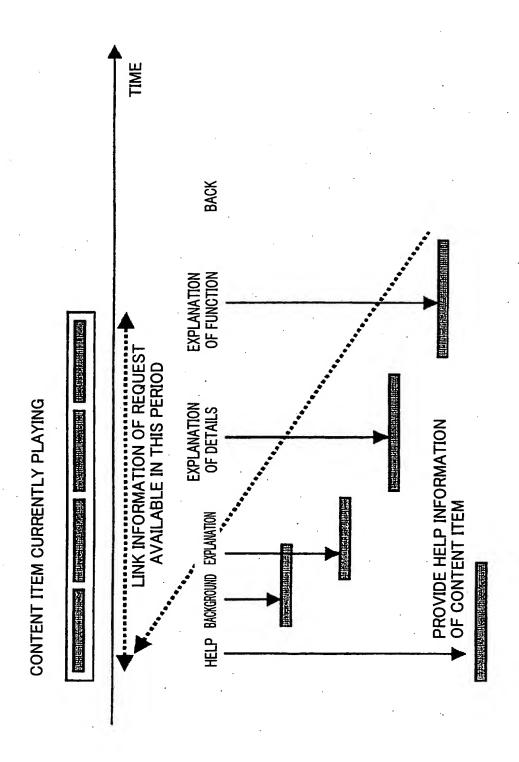
Inventors: ANDO et al. Atty. Dkt. No. 036910-0113

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FIG. 23

- 1 http://aaa.bbb.cc/contents/traffic.data
- 2 http://aaa.bbb.cc/contents/news.data
- 3 http://aaa.bbb.cc/contents/weather.data
- 4 http://aaa.bbb.cc/contents/music1.data
- 5 http://aaa.bbb.cc/contents/music2.data
- 6 http://aaa.bbb.cc/contents/music3.data



-16. 24

Inventors: ANDO et al. Atty. Dkt. No. 036910-0113 10/534638 23/23 CHANGE OF CONTENT ITEM **CONTENT ITEM B CONTENT ITEM A** LOAD THE NEXT CONTENT ITEM IN THIS PERIOD EVENT REPRODUCTION POINT DECIDE THE NEXT CONTENT ITEM FOR REPRODUCTION BASED ON LOADING OF THE CONTENT ITEM CONDITION OF CENTER, AND CONDITION OF TERMINAL; AND USER'S REQUEST, ENVIRONMENTAL CONDITION, CARRY OUT AUTOMATIC

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